

# Logic Puzzles Challenge

#2



# The Pet Shop Puzzle

**Puzzle:** In a pet shop, there are four different animals: a cat, a dog, a rabbit, and a bird. Each animal has a different favorite food: fish, bones, carrots, and seeds.

Use the clues to figure out each animal's favorite food.

- The cat does not like seeds.
- The dog's favorite food is not bones.
- The rabbit loves carrots.
- The bird's favorite food is seeds.



# The Pet Shop Puzzle



## Solution:

### • Clues Breakdown:

- a. **Cat  $\neq$  Seeds**
- b. **Dog  $\neq$  Bones**
- c. **Rabbit = Carrots**
- d. **Bird = Seeds**

## Deductions:

- Since the rabbit loves carrots, the only foods left are fish, bones, and seeds.
- The bird's favorite food is seeds, so the bird likes seeds.
- The cat does not like seeds, so it must like fish or bones.
- The dog's favorite food is not bones, so it must like fish or seeds, but seeds are taken by the bird, so the dog likes fish.
- This leaves bones for the cat.

## Final Placement:

- **Cat: Bones**
- **Dog: Fish**
- **Rabbit: Carrots**
- **Bird: Seeds**

